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April 11, 2001

William L. Bown Utah Building Stone Supply 842 West 400 North West Bountiful, Utah 84087

Re: Tentative Approval of Amended Large Mining Notice, Utah Building Stone, Lynn Springs Quarry, M/003/025, Box Elder County, Utah

Dear Mr. Bown:

The Division has completed a review of your Notice of Intention to Amend Large Mining Operations, received February 6, 2001. After reviewing this information, the Division is prepared to grant tentative approval of the amended Lynn Springs Quarry large mining permit application. Before you begin operations on the amended area, you will need to obtain BLM approval and revise the reclamation surety.

Prior to issuing final Division approval, the reclamation surety will need to be increased by approximately \$19,000.00 for the estimated reclamation costs associated with this processing area. Please note, the attached reclamation cost estimate is for the amended area only and must be approved by the BLM. A revised Reclamation Contract (Form MR-RC) must also be completed and filed with this office. It must be attached to the revised reclamation surety for this project.

Please let us know which type of surety you propose to post so we can provide you with the appropriate form. Please provide us with a "draft" copy of the completed reclamation contract and surety forms before they are finalized so we can confirm their completeness and accuracy.

Thank you for your cooperation and patience in completing this permitting process. Please contact Lynn Kunzler or me at (801) 5380-5310, and 538-5286, respectively if you have questions or concerns in this matter.

Sincerely

D. Wayne Hedberg Permit Supervisor

Minerals Regulatory Program

jb

Enclosure: Reclamation Surety Estimate, Form (MR-RC)

c: Cheryl Martinez, BLM

Lynn Kunzler, DOGM

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RECLAMATION SURETY EST

Utah Building Stone Supply



Lynn Springs Quarry **

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Box Elder County

Prepared by Utah State Division of Oil, Gas & Mining 5

** This estimate is for the processing area only

Bond estimate is draft only – final bond figures will be based on BLM calculations

8 inches of soil to be removed from entire site - stored and piles to be seeded.

All facilities and equipment to be removed at closure.

Waste piles to be placed and trenches and buried on site at closure. 10

Fence around site will be removed when revegetation is considered successful.

17	Note: actual unit costs may vary according to site cor	nditions	last unit c	ost update	2-Aug-2000	
18	-Amount of disturbed area which will receive reclamation treatments = 5.0				acres	
19	-Estimated total disturbed area for this mine =			5.0 a	acres	
20	<u>Activity</u>	Quantity	Units	\$/unit	\$	Note
21	Safety gates, signs, etc. (mtls & installation)	1	sum	200	200	(1)
22						
24	Debris & equipment removal - trucking	7	trips	50	350	(3)
26	Debris & equipment removal - loading trucks w/FE loader	6	hours	166	996	(5)
27	Demolition & debris removal - general labor	12	hours	15	180	(6)
28	Regrading site (waste pile removal)	3.0	acre	234	702	(7)
29	Fence removal	16	hours	15	240	
32						
35	Ripping millsite	5.0	acre	234	1,170	(9)
38						
45	Topsoil replacement	5380	CY	1.15	6,187	(13)
47						
50	Composted manure (10 ton/acre)	5.0	acre	300	1,500	(00)
51	Broadcast seeding (~20 lb/acre)	5.0	acre	170	850	(00)
54						
55	General site cleanup & trash removal	5.0	acre	50	250	(00)
56						
57	Equipment mobilization	1	equip	1000	1,000	(00)
58						
59	Reclamation Supervision	3	days	386	1,158	(15)
60			Subtotal		14,783	
61	10% Contingency				1,478	
62			Subtotal		\$16,261	
63	Escalate for 5 years at 3.13% per yr				2,709	
64			Total		\$18,971	[
65	Rounded surety amount in yr 2006-\$				<u>\$19,000</u>	
66	Average cost per disturbed acre =	\$3,800				

- DOGM lump sum assumed (1)
- (3) Means 2000, 02225-730-5100, bldg demo, rubbish handling, \$0.50/CY permile for >8CY truck; assumed 100 miles round tri
- (5) Rental Rate Blue Book 3Q/00, Cat 988B, 7CY \$85.64hr+\$39.60/hr, & Means 2000, Crew B-10U, loading trucks only\$40.87
- DOGM assumed wage for unskilled general labor (6)
- (7)Means 2000 & Blue Book 3Q/00: Cat D8N, U, mtl 2550 lb/CY, 50 ft push, 1 ft depth
- Means 2000 & Blue Book 3Q/00: Cat D8N, U, multi shank rippers, speed 1.0 mph
- (10)Means 2000 & Blue Book 3Q/00: Cat D8N, U, mtl 2550 lb/CY, 50 ft push, used avg vol 0.5CY/LF-berm
- Means 2000 & Blue Book 3Q/00: Cat D8N, U, multi shank rippers, speed 1.0 mph
- (13)Means 2000 & Blue Book 3Q/00: Cat 627F P-P, mtl 2550 lb/CY, 2,000 ft haul one-way, grade +/- 4%,
- (00) DOGM general estimate manure \$16/ton delivered, \$14 ton/acre spreading
- (00) DOGM general estimate broadcast seeding
- (00) DOGM general estimate site cleanup & trash removal
- (00) DOGM general estimate equipment mobilization
- (15) | Means 2000, 01300-700-0180, project manager, minimum \$1,930/wk